INTERNATIONAL SEARCH REPORT

International application No. PCT/JP03/16714

A. CLASS Int.	CIFICATION OF SUBJECT MATTER C1 ⁷ C04B41/87, B01D39/20, B011 C09D1/00	D46/00, B01J32/00, B01J	35/04,	
According to	o International Patent Classification (IPC) or to both n	ational classification and IPC		
B. FIELDS SEARCHED				
Minimum de Int.	ocumentation searched (classification system followed C1 C04B41/87, B01D39/20, B01!	by classification symbols) 053/86, B01J32/00, B01J	35/04	
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2004 Kokai Jitsuyo Shinan Koho 1971-2004 Toroku Jitsuyo Shinan Koho 1994-2004				
Electronic d	ata base consulted during the international search (nam	ne of data base and, where practicable, sea	rch terms used)	
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C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where ap	ppropriate, of the relevant passages	Relevant to claim No.	
X	US 4598054 A (NGK INSULATORS 01 July, 1986 (01.07.86), Columns 7 to 14 & JP 60-141668 A page 6, upper right column to column	•	2-5,7-8,10, 14-15	
Х	US 4595662 A (NGK INSULATORS 17 June, 1986 (17.06.86), Columns 7 to 14 & JP 60-141667 A page 6, upper left column to column		2-5,7-8,10, 14-15	
Further documents are listed in the continuation of Box C. See patent family annex.				
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" carlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document published prior to the international filing date but later than the priority date claimed "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 15 March, 2004 (15.03.04) "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family Date of mailing of the international search report 30 March, 2004 (30.03.04)				
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer		
Facsimile No.		Telephone No.		

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C (Continua	tion). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5629067 A (NGK INSULATORS, LTD.), 13 May, 1997 (13.05.97), Column 13, Par. Nos. [0004] to column 15, Par. No. [0001]; tables 1, 6 & JP 5-269388 A Par. Nos. [0043] to [0049]; table 6 & EP 554104 A2	2-8,10,14-16
х	WO 2/89980 A1 (NGK INSULATORS, LTD.), 14 November, 2002 (14.11.02), Claims & JP 2002-326034 A Claims	8
E,X	JP 2004-051384 A (NGK INSULATORS, LTD.), 19 February, 2004 (19.02.04), Claims; Par. No. [0043] (Family: none)	8
E,A	JP 2004-051674 A (NGK INSULATORS, LTD.), 19 February, 2004 (19.02.04), Claims (Family: none)	1-16

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